Beclaration, Power Of Attorney and Petition

Page 1 of 4

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I'am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL NUCLEIC ACID PROBES,

	FOR DETERMINING CONCENTRATIONS OF	F NUCLEIC ACID BY USING THE
PROPES, A	ND METHOD FOR ANALYZING DATA O	STAINED BY THE METHOD
HOV 1 9 2001 W the specification	on of which	
RADEME	is attached hereto.	
	was filed on	25
	Application Serial No.	
	and amended on	•
	☐ was filed as PCT international application	
	Number	
	on	, , , , , , , , , , , , , , , , , , , ,
	and was amended under PCT Article 19	
	on	_ (if applicable).

- We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
- We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.
- We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

	Application No.	Country	Day/Month/Year	Prior Clain	
_	193133/2000	Japan	27/6/2000	Yes	□ No
_	236115/2000	Japan	3/8/2000	' Yes	□ No
-	292483/2000	Japan	26/9/2000	⊉ Yes	□ No
-				☐ Yes	□ No

Status (pending, patented,

We (I) hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States I	provisional
application(s) listed below.	

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	abandoned)

And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 25,599; Arthur I. Neustadt, Registration Number 24,854; Richard D. Kelly, Registration Number 27,757; James D. Hamilton, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 29,099; Charles L. Gholz, Registration Number 26,395; Vincent J. Sunderdick, Registration Number 29,004; William E. Beaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Robert F. Gnuse, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Timothy R. Schwartz, Registration Number 32,171; Stephen G. Baxter, Registration Number 32,884; Martin M. Zoltick, Registration Number 35,745; Robert W. Hahl, Registration Number 33,893; Richard L. Treanor, Registration Number 36,379; Steven P. Weihrouch, Registration Number 32,829; John T. Goolkasian, Registration Number 26,142; Marc R. Labgold, Registration Number 34,651; William J. Healey, Registration Number 36,160; Richard L. Chinn, Registration Number 34,305; Steven E. Lipman, Registration Number 30,011; and Jacques M. Dulin, Registration Number 24,067; our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

under Section 1001 of Title 18 of the United Sta the validity of the application or any patent issui	tes Code and that such willful false statements may jeopardize ing thereon.	
Ryuichiro KURANE	Residence: c/o National Institute of Advanced	
NAME OF FIRST SOLE INVENTOR	Industrial Science and Technology, Tsukuba	
Rynichio Kuran	Central, 1-1, Higashi 1 - chome, Tsukuba - shi Ibaraki - ken 305 - 8561 Japan Citizen of: Japan	
Signature of Inventor	Post Office Address: same as above	
June 7, 200/		
Date June 7, 2001		

Takahiro KANAGAWA	Residence: c/o National Institute of Advanced
NAME OF SECOND JOINT INVENTOR	Industrial Science and Technology, Tsukuba
	Central, 1 – 1, Higashi 1 – chome, Tsukuba – shi
7 (000 100 100	Ibaraki - ken 305 - 8561 Japan
J. Canagawa Signature of Inventor	_ Citizen of: Japan
Signature of Inventor	Post Office Address: same as above
June 7, 2001	
Date June 7, 2001	
Yoichi KAMAGATA	Residence: c/o National Institute of Advanced
NAME OF THIRD JOINT INVENTOR	Industrial Science and Technology, Tsukuba
	Central, 1 – 1, Higashi 1 – chome, Tsukuba – shi
Colder Caralo	Ibaraki - ken 305 - 8561 Japan
Signature of Inventor	_ Citizen of: Japan
	Post Office Address: same as above
June 7, 2001	
Date June 7, 2001	
Date June 1, 2001	
Masaki TORIMURA	Residence: c/o National Institute of Advanced Industrial Science and Technology, Tsukuba
NAME OF FOURTH JOINT INVENTOR	Industrial Science and Technology, Tsukuba
	Central, 1-1, Higashi 1-chome, Tsukuba-shi,
m. Tonimura	Ibaraki - ken 305 - 8561 Japan
Signature of Inventor	_ Citizen of: Japan
Signature of inventor	Post Office Address: same as above
June 7, 2001	
Date June 7, 2001	
Shinya KURATA	Residence: c/o KANKYO ENGINEERING
NAME OF FIFTH JOINT INVENTOR	Co., Ltd., $1-9-8$, Higashi – kanda,
00- 11.4	Chiyoda – ku, Tokyo 101 – 0031 Japan
Shinya Kurata	Citizen of: Japan
Signature of Inventor	Post Office Address: same as above
June 7.2001	
Date June 7, 2001	

Kazutaka YAMADA	Residence: c/o KANKYO ENGINEERING
NAME OF SECOND JOINT INVENTOR	Co., Ltd., $1-9-8$, Higashi – kanda,
V. tal A. la	Chiyoda – ku, Tokyo 101 – 0031 Japan
Kazutaka Jamada	Citizen of: Japan
Signature of Inventor	Post Office Address: same as above
June 7, 200/	
Date June 7, 2001	
Toyokazu YOKOMAKU	Residence: c/o KANKYO ENGINEERING
NAME OF THIRD JOINT INVENTOR	Co., Ltd., $1-9-8$, Higashi – kanda,
4	Chiyoda – ku, Tokyo 101 – 0031 Japan
Tojohazu Yokomaku	Citizen of: Japan
Signature of Inventor	Post Office Address: same as above
June 7, 2001	
Date June 7, 2001	
	Paridance
NAME OF FOURTH JOINT INVENTOR	Residence:
	Citizen of:
Signature of Inventor	Post Office Address:
Date	
	Residence:
NAME OF FIFTH JOINT INVENTOR	
	Citizen of:
Signature of Inventor	Post Office Address:
Date	